



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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नई विल्ली, शनिवार, अगस्त 3, 1974 (आषाढ 12, 1896)

No. 31] NEW DELHI, SATURDAY, AUGUST 3, 1974 (SRAVANA 12, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### PART III—SECTION 2

#### पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 3rd August 1974

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 27th July 1974, under the heading "Patents deemed to be endorsed with the words 'Licences of Right'"

*delete the figures 124497, 125457 and 125743 and entries thereagainst.*

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

15th July 1974

1569/Cal/74. Council of Scientific and Industrial Research. Improved enclants for fabrication of capacitor array by selectively etching aluminium, silicon monoxide and aluminium layers deposited on glass substrates.

1570/Cal/74. Council of Scientific and Industrial Research. A technique of baking and cooling operation for semiconductor devices utilizing a novel all glass apparatus.

1571/Cal/74. American Home Products Corporation. A new process for the production of penicillins. [Divisional date April 28, 1969].

1572/Cal/74. Rhone-Poulenc S.A. Pyrazoline derivatives.

1573/Cal/74. Unie Van Kunststoffenfabrieken B. V. Process for preparing urea from ammonia and carbon dioxide.

1574/Cal/74. International Computers Limited. Improvements in or relating to data processing systems. (July 18, 1973).

1575/Cal/74. Celanese Corporation. Clumping elimination in asbestos flame-retarded polyalkylene terephthalate resin compositions and process for.

1576/Cal/74. D. Banerjee. Improvements in or relating to rail pads for sleepers in railway track.

1577/Cal/74. Sunkist Growers, Inc. Article-orienting Conveyor.

1578/Cal/74. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of new basically substituted 1, 2, 3-benzothiazine-4(3H)-one derivatives. [Divisional date May 18, 1970].

1579/Cal/74. Pennsylvania Engineering Corporation. Bottom clamp for obo vessels.

1580/Cal/74. The Wellcome Foundation Limited. Method of preparing 5-benzylpyrimidines. (February 19, 1966). [Divisional date February 17, 1967].

16th July 1974

1581/Cal/74. S. S. Badalia. Improvements in or relating to the manufacture of pressure appliances.

1582/Cal/74. S. B. Bandyopadhyay. Stop motion attachment in JF finisher card.

- 1583/Cal/74. The Lucas Electrical Company Limited. Road vehicle electrical systems. (July 20, 1973).
- 1584/Cal/74. National Plant Hire (Proprietary) Limited. An improved sealing washer assembly.
- 1585/Cal/74. The Goodyear Tire & Rubber Company. Polyurethane shock absorbing unit.
- 1586/Cal/74. Fisons Limited. Device.
- 1587/Cal/74. Westinghouse Electric Corporation. Composite glass cloth-cellulose fiber epoxy resin laminate.
- 1588/Cal/74. Westinghouse Electric Corporation. Composition for forming thermoparticulating coating which protects electrical apparatus.
- 1589/Cal/74. Unisearch Limited. Enzymatic substrate adjustment.
- 1590/Cal/74. The British Aluminium Company Limited. Method of extracting gallium from aluminates solutions. (July 19, 1973).

17th July 1974

- 1591/Cal/74. Girling Limited. Improvements in disc brakes. (July 24, 1973).
- 1592/Cal/74. C. A. V. Limited. Liquid fuel pumping apparatus. (July 28, 1973).
- 1593/Cal/74. United States Atomic Energy Commission. Simplified rotor for fast analyzer of rotary cuvette type.
- 1594/Cal/74. Council of Scientific and Industrial Research. A process for the manufacture of processing aid for natural and synthetic rubber from cashew nut shell liquid.
- 1595/Cal/74. Westinghouse Electric Corporation. Steam turbine power plant having improved testing method and system for turbine inlet valves associated with downstream inlet valves preferably having feedforward position managed control.
- 1596/Cal/74. Westinghouse Electric Corporation. An amplifier with failsafe predetermined gain.
- 1597/Cal/74. Raychem Limited. Improvements in or relating to surgical device and process for manufacturing the same. (July 18, 1973).
- 1598/Cal/74. T. J. Hallenius and K. I. Sagefors. Method of blasting and reinforcing rock cavities.
- 1599/Cal/74. Eli Lilly and Company. A process for preparing a cephalosporin antibiotic. [Divisional date March 6, 1967].

18th July 1974

- 1600/Cal/74. Smith Kline & French Laboratories Limited. Pharmacologically active compounds. (July 13, 1973).
- 1601/Cal/74. RCA Corporation. Method of joining flat surfaces to each other and devices made thereby.
- 1602/Cal/74. Imperial Chemical Industries Limited. Prostanoic acid derivatives. (August 2, 1973).
- 1603/Cal/74. Simon-Hartley Limited. Improvements in or relating to filters. (August 25, 1973).
- 1604/Cal/74. Politechnika Gdanska. Desalanyltaaine N-acyl derivatives and the method for their preparation.

- 1605/Cal/74. The Marley Company. Multiple fan circular dry surface cooling tower.
- 1606/Cal/74. Gaver S. A. A process for preparing a benzamide derivatives.
- 1607/Cal/74. N. V. Philips' Gloeilampenfabrieken. Circuit arrangement including a gyrator resonant circuit.
- 1608/Cal/74. Ceskoslovenska Akademie Ved. Method for preparation of emulsions, concentrated dispersions and pastes.

19th July 1974

- 1609/Cal/74. J. Seth. Improvements in or relating to wire rope type hoist machines.
- 1610/Cal/74. Priyavrat. Improvements in or relating to brick kiln utilising husk as fuel.
- 1611/Cal/74. R. M. Arora & Son (H.U.F.). Single speed shutter mechanism for a still camera.
- 1612/Cal/74. Burroughs Corporation. Display panel.
- 1613/Cal/74. Hoechst Aktiengesellschaft. Novel mono-azo pigments and process for preparing them.
- 1614/Cal/74. Canada Wire and Cable Limited. A water soluble seed sheet. (July 23, 1973).
- 1615/Cal/74. Ciba of India Limited. Process for the preparation of oxazepine derivatives. [Divisional date December 8, 1966].
- 1616/Cal/74. Ciba of India Limited. Process for the preparation of oxazepine derivatives. [Divisional date December 8, 1966].

**APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH).**

1st July 1974

- 254/Bom/74. The Director, Central Water and Power Research Station. Digital data logger using a typewriter.

3rd July 1974

- 255/Bom/74. K. V. Radhakrishnan. Kinetic dynamic machines for working on solids, liquids and gases.

6th July 1974

- 256/Bom/74. H. S. Bhoot. A starter for use with a three-phase motor.

**APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (MADRAS BRANCH).**

5th July 1974

- 116/Mas/74. K. S. N. Namboodiripad and K. S. D. Namboodiripad. A rotary piston internal combustion engine with a square rotor and a three lobed epi-trochoidal casing.

- 117/Mas/74. M. P. Mallappa. Improvements in and relation to plants and machinery to produce phatic fertilizer of npk type with k20 as sulphate.

8th July 1974

- 118/Mas/74. The South India Textile Research Association. A device for spinning core yarns using conventional ring spinning machines.

- 119/Mas/74. R. L. S. Reddy. Round table, centre portion capable of revolving, outer portion rigidly fixed

9th July 1974

- 120/Mas/74. Ajit Kumar Thakur. A heat exchanger,

10th July 1974

121/Mas/74. S. L. N. Iyer. An adjustable electric geyser.

12th July 1974

122/Mas/74. Best &amp; Co. Private Ltd. A voltage regulator.

## ALTERATION OF DATE

135987. (2226/Cal/73). Ante-dated to July 21, 1971.

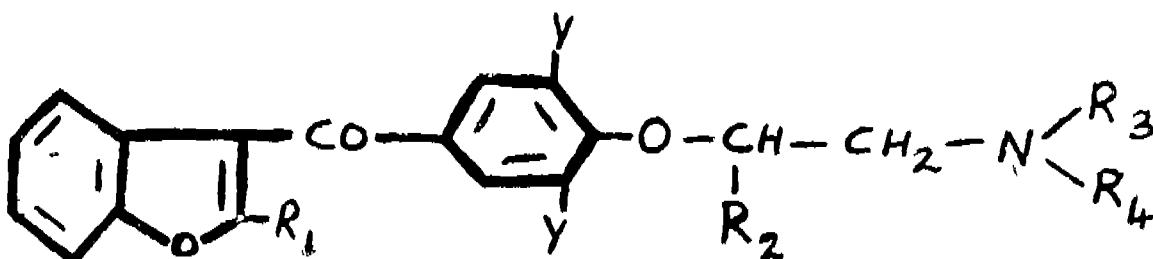
135990. (1290/Cal/73). Ante-dated to August 18, 1971.

## COMPLETE SPECIFICATION ACCEPTED

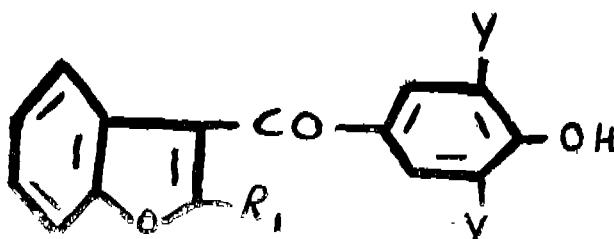
Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice of the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.



R<sub>1</sub> is a hydrogen atom or a methyl group; R<sub>2</sub> and R<sub>3</sub> are methyl, ethyl or propyl groups or are joined together to form with the nitrogen atom a piperidine, pyrrolidino or morpholino group; and Y is a hydrogen, iodine or bromine atom, which method comprises reacting an alkali-metal salt of a benzofuran represented by the general formula



wherein R<sub>1</sub> and Y have the meanings defined above, in

CLASS 32F2a+C &amp; 55E4.

83593.

## PROCESS FOR RECOVERY OF HEPARINE.

RICHTER GEDEON VEGYESZETI GYAR RT., OF 63, CSERKESZ UTCA, BUDAPEST X, HUNGARY.

Application No. 83593 filed August 6, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims—No drawings.

A process for the obtention of heparine from wet acid precipitates containing a raw protein-heparine complex, obtained through acid precipitation, in which these precipitates having pH values of 1.5–5.0 are extracted with a liquid mixture, containing besides water, at least 0.5 per cent of a water-immiscible chlorinated hydrocarbon and at least 7 per cent of an alkali or ammonium halide or nitrate, the heparine containing aqueous solution obtained is isolated in a manner as hereinbefore described, and the heparine is precipitated from this solution by addition of a water-miscible organic solvent such as hereinbefore described

CLASS 32F1+F2b &amp; 55E4.

84972.

## METHOD OF PREPARING NEW BENZOFURAN DERIVATIVES.

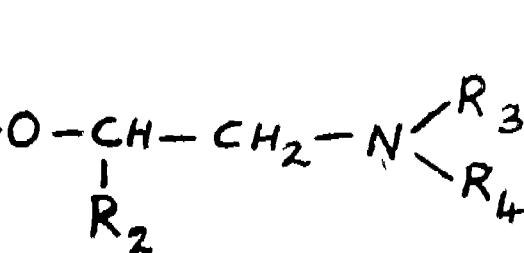
LABAZ (FORMERLY KNOWN AS LABORATOIRES LABAZ), OF 39, AVENUE PIERRE LER DE SERBIE, PARIS 8E, FRANCE.

Application No. 84972 filed November 5, 1962.

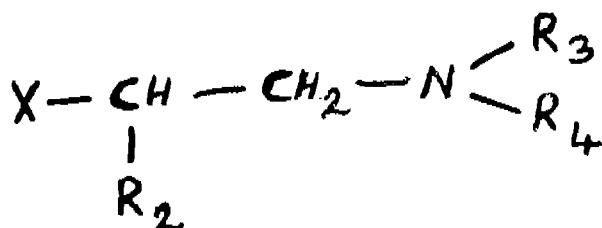
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

Method of preparing a benzofuran derivative represented by the general formula or a pharmaceutically acceptable acid addition salt thereof, wherein R<sub>1</sub> is an alkyl group containing from 1 to 6 carbon atoms;



a solvent immiscible with water with an N-substituted alkylamine-β-halide of the general formula wherein



R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> have the meanings defined above and X is a halogen atom, to obtain the desired product in the form of the base which, if desired, is converted into a corresponding pharmaceutically acceptable acid addition salt thereof by any of the methods known *per se*.

## CLASS 32F1.

PROCESS FOR PREPARING NEW SALTS OF PARA-CHLOROPHOXYISOBUTYRIC ACID.

VIFOR S. A. (FORMERLY KNOWN AS LABORATOIRES VIFOR S. A.), OF 48, ROUTE DE DRIZE, 1228 PLAN-LES-OUATES, CANTON OF GENEVA, SWITZERLAND.

Application No. 105114 filed May 3, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Process for preparing new salts of para-chlorophenoxyisobutyric acid, characterized by reacting, in an aqueous medium, para-chlorophenoxyisobutyric acid or an alkaline metal or ammonium salt of this acid with a salt or a hydroxide of a metal chosen in the group of metals comprising the aluminium, the bismuth and the magnesium.

## CLASS 32F1.

110300.

PROCESS FOR PRODUCING NEW HALOGENATED 5-NITROIMIDAZOLE DERIVATIVES.

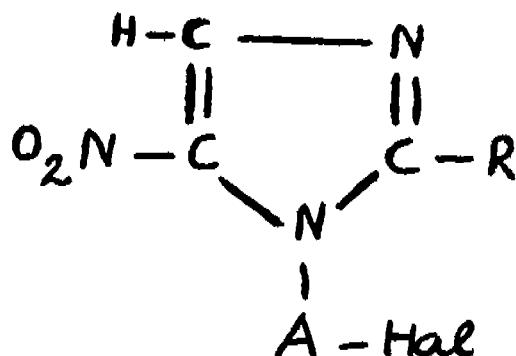
KRKA TOVARNA ZDRAVIL, OF CESTA KOMANDANTA STANETA ST. 19, NOVE MESTO, YUGOSLAVIA.

Application No. 110300 filed April 20, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Process for producing new halogenated 5-nitromidazole derivatives of the general formula

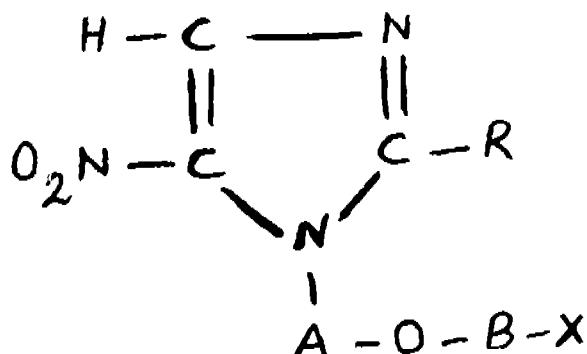


wherein

R is hydrogen atom, alkyl or aryl radical,

105114.

A is bivalent aliphatic hydrocarbon radical, and Hal is chlorine, bromine or iodine atom, characterized in that in the compounds of the general formula



wherein

A and B have the meanings as above, and

B is bivalent aliphatic hydrocarbon radical and X is hydrogen atom, halogen atom, nitro group, sulphuric acid group, sulphonic acid group or hydroxyl group,

the ether bond is cleaved with hydrogen halide acids or with iodine in the presence of alkaline or alkaline earth boron hydrides.

## CLASS 32F2a.

110722.

A PROCESS FOR THE PREPARATION OF L-( $\alpha$ -METHYL- $\beta$ -(3, 4-DIHYDROXYPHENYL)-ALANINE.

C. F. BOEHRINGER & SOEHNE GMBH, OF MANNHEIM-WALDHOF, FEDERAL REPUBLIC OF GERMANY.

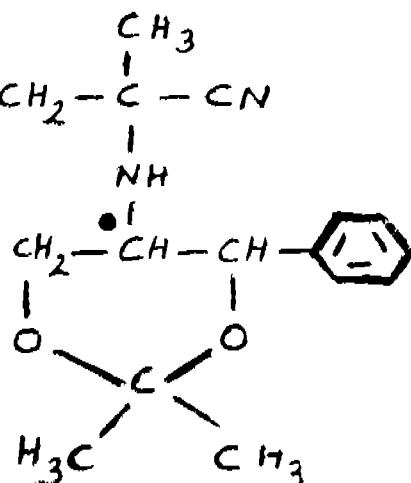
Application No. 110722 filed May 19, 1967.

Convention date March 23, 1967 (13628/67) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

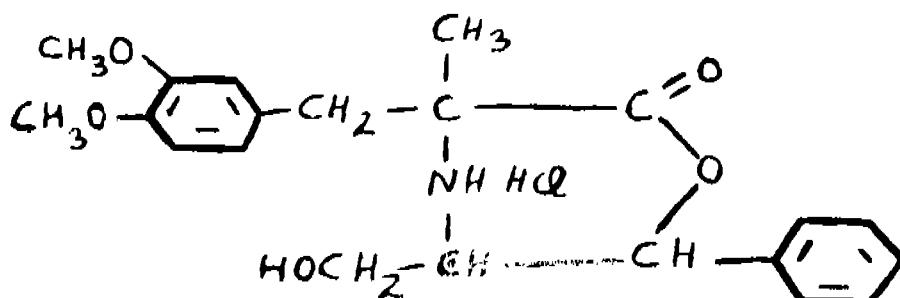
6 Claims.

Process for the preparation of L-( $\alpha$ -methyl- $\beta$ -(3, 4-dihydroxyphenyl)-alanine, wherein 3, 4-dimethoxyphenyl-acetone is reacted with an alkali metal cyanide and L-(+)-threo-2, 2-dimethyl-4-phenyl-5-amino-1, 3-dioxan to give an optically-active amino-nitrile of the formula 6 this dioxan derivative then saponified with



concentrated hydrochloric acid to give a lactone hydro-

chloride of the formula which is then split either with



alkaline hydrogen peroxide or with Raney nickel to give L-( $-$ )- $\alpha$ -Methyl- $\beta$ -(3, 4-dimethoxyphenyl)-alanine which is finally demethylated with hydrobromic acid to give L-( $-$ )- $\alpha$ -methyl- $\beta$ -(3, 4-dihydroxyphenyl)-alanine.

CLASS 32F2a.

117459.

PROCESS FOR THE PRODUCTION OF COUMARIN DERIVATIVES.

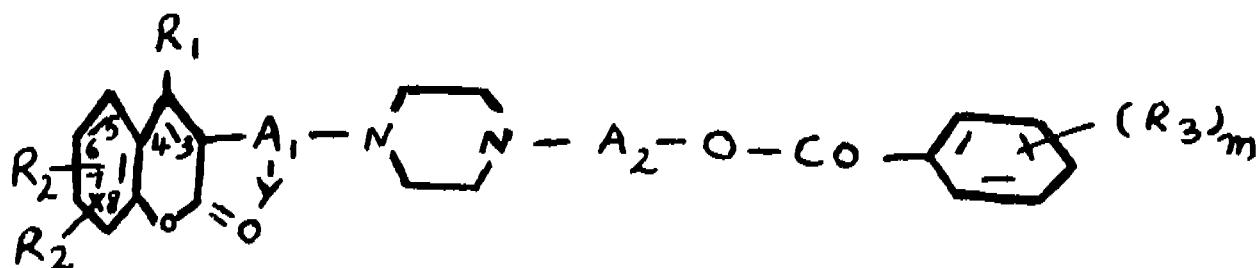
CASSELLA FARBWERKE MAINKUR AKTIEN-GESELLSCHAFT OF 6 FRANKFURT (MAIN)-FECHENHEIN, WEST GERMANY, HANAUER LANDSTRASSE 526.

Application No. 117459 filed August 27, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Process for the production of coumarin derivatives of the general formula shown in Fig. 1.



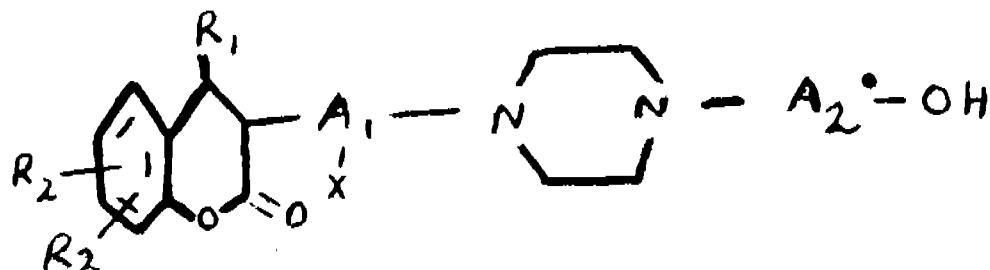
wherein R<sub>1</sub> means hydrogen, lower alkyl radicals having 1 to 4 carbon atoms or aryl, R<sub>2</sub> stands for 6, 7- or 7, 8-positioned alkoxy, R<sub>3</sub> represents alkoxy, m is the integer 1, 2 or 3, A<sub>1</sub> is a straight or branched alkylene

radical having 2-3, carbon atoms, A<sub>2</sub> is a straight or branched alkylene radical having 2-4, carbon atoms, and Y stands for hydrogen, a hydroxy group or for the residue of formula shown in Fig. 2.

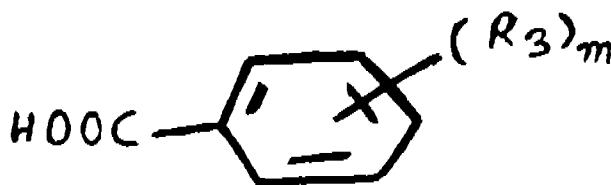


which comprises acylating, possibly in the presence of an acid-binding agent, the coumarin

derivatives of the general formula shown in Fig. 3, wherein X stands for hydrogen or a hydroxy group, with



an alkoxy benzoic acid of the general formula shown in Fig. 4



or with a functional derivative thereof.

CLASS 32F2b.

128099.

METHOD OF PRODUCING DIETHYL CARBAMOYLPIPERAZINE.

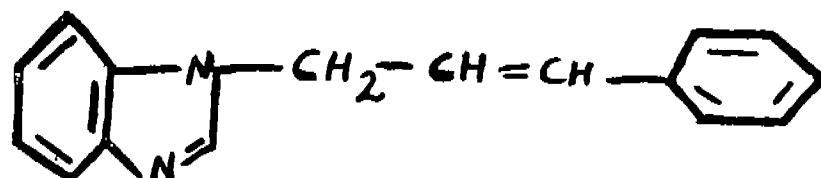
ORDENA TRUDOVOGO KRASNOGO ZNAMENI KHMIKOFARMATSEVTICHESKY ZAVOD, "AKRICHIN", OF MOSKOVSKAYA OBLAST, NOGINSKY RAION, P/O KUPAVNA, USSR.

Application No. 128099 filed August 19, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

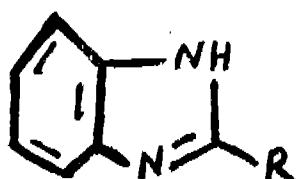
6 Claims—No drawings.

A method of producing diethylcarbaminoylepiperazine which comprises reacting diethylcarbaminoylechloride with piperazine followed by isolation of the product characterized in that piperazine is used in quantities in excess than that required stoichiometrically and wherein the reaction is carried out, in an alcoholic medium in the presence of an alkaline agent.

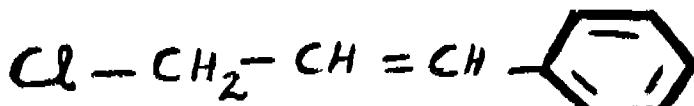


in which R represents :

- an alkyl radical having 1 to 3 carbon atoms, optionally substituted by a hydroxy radical;
- a phenyl ring substituted by at least one alkoxy radical or at least one halogen atom;
- a benzyl radical, disubstituted in the benzene ring by a halogen atom and an alkoxy group; or
- a radical of the formula:  $-\text{CH}_2-\text{N}^{\text{R}}-$  in which the  $-\text{N}^{\text{R}}-$  group represents a dialkylamino radical, in which the two alkyl radicals are identical, or a heterocyclic radical selected from piperidino, morpholino and pyrrolidino, comprising reacting a 2-substituted benzimidazole of the gen-



ral formula 13 with cinnamyl chloride of formula 14



in the presence of sodium hydride in dimethylformamide as solvent, R having the same signification as in formula (I).

CLASS 32F2a & 55E4.

132182.

PROCESS FOR PREPARING A SALT OF AMINOADAMANTANE.

EGYPT GYOGYSZERVEGYYESZETI GYAR, OF 30, KERESZTURI U., BUDAPEST X, HUNGARY.

Application No. 132182 filed July 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims—No drawings.

A process for preparing a salt of aminoadamantane, characterized in that aminoadamantane is reacted in a solvent with an acid selected from the group consisting of  $\alpha$ -mercaptopropionic acid,  $\alpha$ -mercaptopropionic acid and  $\beta$ -mercaptopropionic acid.

CLASS 32F1+F2b.

133723.

PROCESS FOR THE PREPARATION OF NOVEL DERIVATIVES OF 1-CINNAMYL BENZIMIDAZOLE.

DELALANDE S.A., OF 32, RUE HENRI REGNAULT COURBEVOIE, HAUTS-DE-SEINE, FRANCE.

Application No. 133723 filed November 24, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of 2-substituted derivatives of 1-cinnamyl benzimidazole of the general formula 12

CLASS 39N & 62A3.

134255.

COMPOSITIONS CONTAINING DITHIONITES.

ALBRIGHT & WILSON LIMITED, OF OLDBURY, NEAR BIRMINGHAM, WARWICKSHIRE, ENGLAND.

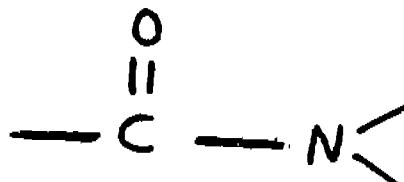
Application No. 134255 filed January 12, 1972.

Convention date January 14, 1971 (1930/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A substantially anhydrous composition comprising at least 50% by weight of a metallic dithionite and a nonsurfactant (as hereinbefore defined) non polymeric compound containing at least 5 carbon atoms which comprises at least one group of the structure shown in Fig. 15.



wherein the unsatisfied valencies are filled by oxygen, hydrogen or carbon atoms.

CLASS 25A+B+C+D.	134714.	CLASS 32E & 155F1.	134988.
MANUFACTURE OF REFRACTORY AND NON-REFRACTORY ARTICLES WITH THE USE OF NEW BONDING AGENTS.		PROCESS FOR THE PREPARATION OF HIGH MOLECULAR WEIGHT POLY (PHOSPHAZENE) COPOLYMERS.	
ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST.—SUNDARGARH, ORISSA, INDIA.		HORIZONS RESEARCH INCORPORATED, OF 23800 MERCANTILE ROAD, CLEVELAND, OHIO, U.S.A.	
Application No. 134714 filed February 22, 1972.		Application No. 134988 filed March 18, 1972.	
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.		Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.	
6 Claims—No drawings.		11 Claims—No drawings.	
A process for the manufacture of refractory and non-refractory articles as hereinbefore defined with the use of a new bonding agent which comprises adding bonding agents consisting of acetic acid, sodium acetate, ammonium acetate, citric acid, tartaric acid and the alkali salts of tartaric acid, either singly or in any combination thereof, to a material containing calcined magnesite or magnesia, with or without water, optionally moulding or ramming the wet mixture followed by drying or curing.		A process for the preparation of a high molecular weight poly (phosphazene) copolymer having randomly distributed units of the formula	
CLASS 119-B.	134769.	$\left\{ \begin{array}{c} A \\ -P=N- \\ B \end{array} \right\}, \quad \left\{ \begin{array}{c} A \\ -P=N- \\ A \end{array} \right\} \text{ and } \left\{ \begin{array}{c} B \\ -P=N- \\ B \end{array} \right\}$	
A TEMPLE CUTTER FOR AUTOMATIC LOOM.		wherein A represents a monovalent radical selected from the group consisting of $F(CF_2)pCH_2O-$ and $H(CF_2)pCH_2O-$ and p is an integer from 1 to 9 and wherein B represents a monovalent radical selected from the group consisting of $RC_6H_5O-$ and $RZC_6H_5O-$ wherein R is selected from the group consisting of $H(CH_2)_q$ and $F(CF_2)_q$ , in which q is 0 to 5 and Z represents a divalent member of the group consisting of $-CH_2-$ , $-O-$ , $-NH-$ , and $-NR'$ wherein R' is a monovalent radical selected from the group consisting of $H(CH_2)_q$ and $F(CF_2)_q$ — in which q is 0 to 5 and the ratio of A : B is between 1 : 9 and 3 : 1, which comprises reacting a mixture of at least two different alkali metal salts, namely an alkali metal salt of a fluoroalkoxide and an alkali metal salt of an aryloxide with linear soluble $[PNCl_2]_X$ polymer wherein X is between 50 and 50,000.	
BURJOR RUSTOMJI UNWALLA, NASSERWANJI TATA BUILDING NO. 2, 3RD FLOOR, FLAT NO. 11, TATA BLOCKS, BANDRA, BOMBAY 50.		CLASS 161—D.	135036.
Application No. 134769 filed February 28, 1972.		METHOD OF PRODUCING PAVEMENT-LIKE SITES.	
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.		JACK BLACKBURN, OF 215, FERNSIDE AVENUE, ALMONDBURY, HUDDERSFIELD, YORKSHIRE, ENGLAND.	
4 Claims.		Application No. 135036 filed March 23, 1972.	
A temple cutter for an automatic loom comprising of a steady sharp steel blade fixed between a clamp comprising blade holder base plate and blade holder top plate, the blade being held at an angle by means of said clamp screwed on the temple holder and the blade having a metal yarn guide over it, the arrangement being such that in the event of the ends at first passing under the guide and later falling on the blade it would result in shearing of these ends smoothly.		Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.	
CLASS 27-O.	134984.	16 Claims.	
IMPROVEMENTS IN OR RELATING TO PANEL WALL SYSTEMS.		A method of producing a pavement-like site (as herein stated) composed of areas of one character generally surrounded by areas of another character; said method comprising providing a shaped former having a plurality of peaks interconnected and spaced apart by support means, placing said former onto a base of soil, concrete, hardcore or the like so that the peaks form a barrier between first and second material-reception spaces with only the first space being directly accessible from the upperside of the former, introducing a first site material into said first space from the upperside of the former with the former in position and at least partly filling the second space with a second site material either by placing the second site material onto the base prior to the placement of the former or forming the base at least partly from the second site material and by impressing the former into the second site material and/or by removing selected parts of the former to expose the second space and allow the introduction of the second site material therein or to expose the second site material previously placed onto the base with the former retained in the site; or by removing the former when the first site material is self-supporting and introducing the second site material into the resultant voids therein.	
BEAZLEY HOMES LIMITED, OF HULL ROAD, MOUNT MAUNGANUI, NEW ZEALAND.			
Application No. 134984 filed March 18, 1972.			
Convention date March 18, 1971 (163125/71) New Zealand.			
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.			
35 Claims.			
A method of preparing a panel wall for erection, said method including the steps of preparing a base plate for a wall, providing panel engaging means at intervals along the length of the base plate and providing panels having base plate engaging means thereon such that when the coacting engaging means are installed by means of temporary distortion against resilience thereof of said base plate engaging means on said panel or said base plate or both, said panel engaging means engage said base engaging means, such that each panel is fixed relative to the base plate so that the spacing between panels is automatically fixed by the intervals between the panel engaging means and the position of each panel on erection is also automatically fixed,			

## CLASS 136E.

135054.

## A METHOD AND DEVICE FOR DEFORMING HOLLOW SECTIONS.

INDUSTRIELE ONDERNEMING WAVIN N. V.,  
251, HANDELLAAN, ZWOLLE, THE NETHERLANDS.

Application No. 135054 filed March 25, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A method of forming grooves in hollow sections made of thermoplastic material by surrounding the section with a hollow mold 25, 25a having one or more recesses, disposing two rings 36 of deformable material axially spaced from each other into said section, each ring being sealingly movable in an annular chamber 30, 30' the outer circumference of the chamber 30, 30' being substantially equal to the smaller inner diameter of the section, pressing the rings against the inner side of the section, the outer circumference of the ring 36 in undeformed free condition being substantially equal to the inner circumference of the section part facing the ring, introducing a pressure fluid into the space 37 comprised between said two annular chambers 30, 30' and maintaining said pressure until the section has attained the inner contours of the mold, whereafter the section is cooled below the plastic deformation temperature, followed by removal of the die and retracting the rings 36, 36' from the plastic section.

## CLASS 32F1.

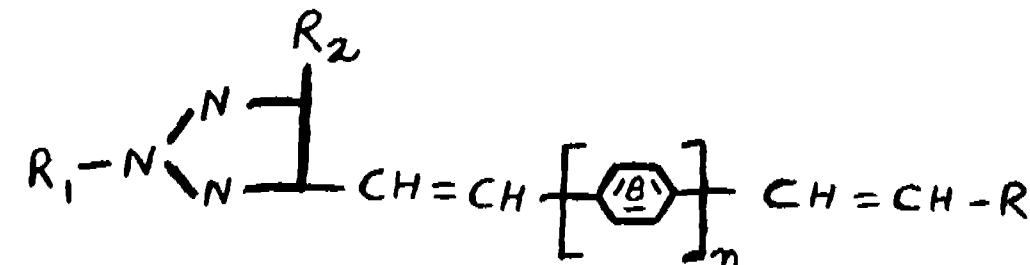
135154.

## PROCESS FOR THE PRODUCTION OF DICHLOOROQUINACRIDONES.

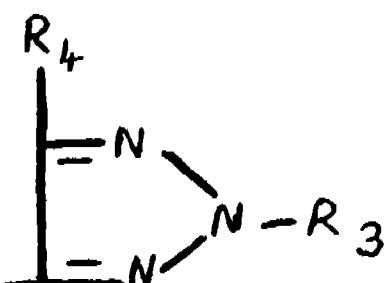
SANDOZ LTD., OF LICHTSTRASSE 35, BASLE, SWITZERLAND.

Application No. 135154 filed April 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.



mono—or bi-nuclear aryl radical, or a radical of formula.



R<sub>1</sub> and R<sub>2</sub> which may be the same or different, each

3 Claims—No drawings.

A process for the production of a mixture of 3, 10-, 1, 10 and 1, 8-dichloroquinacridones comprising cyclising 2, 5-di-(3'-chlorophenylamino)-terephthalic acid with 75–90% sulphuric acid at a temperature of from 100° to 170°C.

## CLASS 206E.

135247.

## AN IMPROVED INTEGRATED CIRCUIT DEVICE.

RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, U.S.A.

Application No. 135247 filed April 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An improved integrated circuit device of the type which includes both a P channel insulated gate field effect transistor and an N channel insulated gate field effect transistor, each insulated gate field effect transistor having a gate electrode characterized by the material of the gate electrode of the P channel insulated gate field effect transistor being predominantly one element or alloy and the material of the gate electrode of the N channel insulated gate field effect transistor being predominantly an element or alloy different from that of the P channel insulated gate field effect transistors.

## CLASS 32F1—F2b.

135253.

## PROCESS FOR THE PREPARATION OF TRIAZO-LYL—ETHENYL—PHENYLENE DERIVATIVES.

SANDOZ LTD., OF LICHTSTRASSE 35, BASLE, SWITZERLAND.

Application No. 135253 filed April 12, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A process for the production of a compound of formula in which R signifies a substituted or unsubstituted

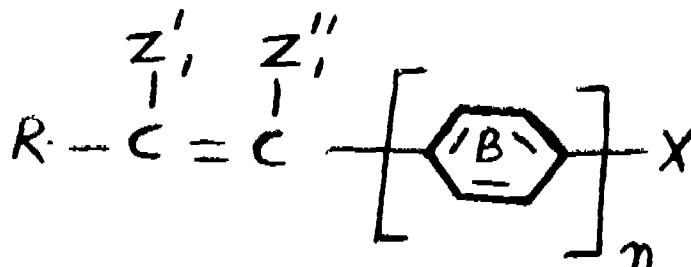
signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms or mono—or bi-nuclear aryl radical, R<sub>1</sub> and R<sub>2</sub>, which may be the same or different, each signifies a hydrogen or chlorine atom, a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms, or a group —CN, —CONH<sub>2</sub>, —COOR<sub>5</sub>, in which R<sub>5</sub> signifies a hydrogen atom or an unsubstituted or substituted alkyl radical of 1 to 6 carbon atoms, or —NH—CO—R<sub>6</sub>, in which R<sub>6</sub> signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms.

n signifies 1 to 6, and

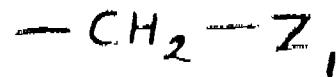
the ring(s) B may be unsubstituted or substituted, provided that n signifies other than 1, when R signifies a

radical of formula II shown in the drawings characterised by reacting an appropriate compound of formula

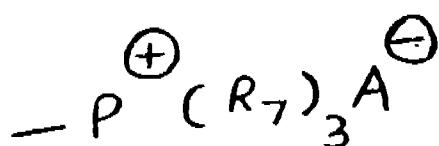
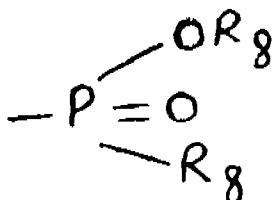
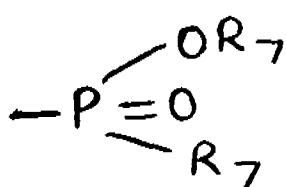
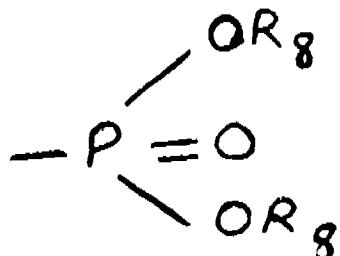
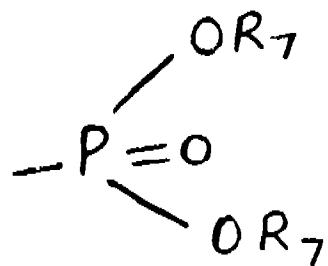
X signifies a group —CHO or a functional derivative thereof, or a radical of formula



in which R, n and the ring(s) B are as defined above,



wherein  $Z_1$  signifies a hydrogen atom, a carboxy group, a substituted or unsubstituted carboxylic ester or amido group or a group of formula



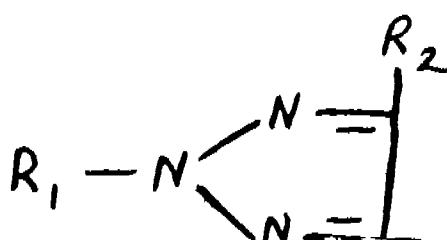
in which

$R_7$  signifies a substituted or unsubstituted aryl radical,  $R_8$  signifies a substituted or unsubstituted alkyl radical of 1 to 6 carbon atoms, or an unsubstituted or substituted cycloalkyl radical, and  $A^-$  signifies a monovalent anion, and

one of  $Z_1$  and  $Z_1'$  signifies a hydrogen atom and the other signifies a hydrogen atom, a carboxy group, or a substituted or unsubstituted carboxylic ester or amido group, with a compound of formula X



in which  $R'$  signifies, when R signifies a substituted or unsubstituted mono- or bi-nuclear aryl radical, radical of formula



wherein

$R_1$  and  $R_2$  are as defined above; or, when

R signifies a radical of formula II shown in the drawings, a substituted or unsubstituted mono- or bi-nuclear aryl radical, or a radical of formula XI shown in the drawings, and Y signifies, when X signifies a group —CHO or a functional derivative thereof, radical of formula IV as defined above, or, when x signifies a

radical of formula IV as defined above, a group —CHO or a functional derivative thereof, and, where required and when  $Z_1$  signifies a carboxy group or a substituted or unsubstituted carboxylic ester or amido group, converting into a hydrogen atom by a conventional method any such  $Z_1$  and any  $Z_1'$  or  $Z_1''$ , not being a hydrogen atom, in the resulting product.

CLASS 55E2.

135277.

PROCESS FOR PREPARATION OF AN INSECT & LEECHREPELLENT COMPOSITION IN THE FORM OF EMULSION.

CHIEF SCIENTISTS, RESEARCH & DEVELOPMENT ORGANISATION, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI (INDIA).

Application No. 135277 filed April 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

Process for preparation of an insect and leech repellent composition in the form of emulsion comprising treating stearic acid and boric acid in presence of water with alkalies like sodium hydroxide and potassium hydroxide and thereafter adding to the obtained product a leech and insect repellent compounds consisting of mixture of ortho, meta; and para —N,N'-Diethyl toluamide and —N,N'-Diethyl benzamides, wherein the said leech and repellent compounds being present in an amount upto 25% by weight of the total composition.

CLASS 134—B.

135984.

MULTI-RATIO TRANSMISSION AND CONTROLS THEREFOR.

MASSEY-FERGUSON INC., OF 12601 SOUTHFIELD ROAD, DETROIT, MICHIGAN 48223, U.S.A.

Application No. 77/72 filed April 28, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A speed change transmission system for a tractor comprising a first multi-speed gear transmission and a second planetary gear transmission in series with the first transmission comprising a single planetary having a planet carrier provided with planet pinions of the two-diameter cluster type, ring gear means and sun gear means, one of said gear means including a pair of gears each being engaged with one of the pinions of the planet cluster, selectively engageable brakes for locking either of said pair of gears for planetary drive, a selectively engageable clutch for locking up the planetary, an input member connected to the other gear means, an output member, and function selector means for selectively engaging said output member with one of said pair of gears to provide forward and reverse drive through the

planetary by selective operation of the brakes and clutch or for engaging said output member with the carrier to provide three speed forward drive through the planetary by selective operation of the brakes and clutch.

CLASS 32F14-F2a.

135985.

PROCESS FOR THE PREPARATION OF 2-P-NITRO—OR P-CHLOROBENZAMIDOACETOHYDROXYLIC ACID.

MORTON—NORWICH PRODUCTS, INC., AT 17 EATON AVENUE, NORWICH, NEW YORK 13815, U.S.A.

Application No. 144/72 filed May 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

The process for preparing a compound of the formula I.



wherein R is nitro or chloro which comprises reacting a compound of the formula II.



wherein R is as aforesaid with hydroxylamine.

CLASS 171.

135986.

IMPROVEMENTS IN OR RELATING TO GOGGLE OR SPECTACLE FRAME.

(1) Inder Singh, (2) Joginder Singh, (3) Jagtar Singh, (4) Manmohan Singh and (5) Mohinder Singh, AT INSIDE GILWALI GATE, AMRITSAR, PUNJAB, INDIA.

Application No. 51/Cal/73 filed January 6, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An improved method of hinging relating to the side arms of a goggle or spectacle frame, characterised in that a small metallic piece having round edge with a hole at one side and having a flat end with two collars at the other side is punched and cut out from a metallic sheet, the said flat side of the piece with the two collars is then fitted in a rectangular hole provided in the side arm and the small metallic piece is then soldered with the side arm and substantially acts as an integral part of the side arm.

CLASS 35B+C.

135987.

METHOD OF SINTERING FERRUGINOUS CALCIUM ALUMINATE RAW MIXES.

UNITED STATES STEEL CORPORATION, AT 525 WILLIAM PENN PLACE, AND ALSO AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, U.S.A.

Application No. 2226/Cal/73 filed October 8, 1973.

Division of Application No. 132192 filed July 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims—No drawings

In the method of sintering ferruginous calcium aluminate raw mixes, the improvement which comprises adding  $\text{SO}_3$  in the form of  $\text{CaSO}_3$  to the raw mix to broaden its sintering range.

CLASS 195E+G.

135988.

IMPROVEMENTS IN VALVES FOR FLUIDS.

SPERRY RAND CORPORATION, OF CROOKS AND MAPLE ROADS, TROY, STATE OF MICHIGAN 48084, U.S.A.

Application No. 91/72 filed May 1, 1972.

Convention date December 10, 1971 (129891/71) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A directional valve comprising a main body, a main spool slidable in the main body, the main body and the main spool having cooperating ports and grooves, respectively, to direct fluid flow forwardly and reversely and to terminate flow to and from a work device, a centering spring assembly for the main spool, the main spool being provided with an actuating piston having large and small effective areas on its opposing faces, a pilot valve for admitting and releasing pressure fluid to and from the large area side of the actuating piston, and an auxiliary valve normally inoperative and responsive to overtravel of the pilot valve for admitting pressure fluid trapped in the work device by the main spool to the actuating piston to displace the main spool in a direction to release the trapped fluid in the event of failure of the main spool to shift when the pilot valve alone is shifted.

CLASS 6-A2 &amp; 80-K.

135989.

## A FILTERING APPARATUS HAVING AN INTEGRALLY REMOVABLE FILTER CARTRIDGE.

HUBERT SAMUEL OGDEN, OF 4214 SANTA MONICA BOULEVARD, LOS ANGELES, CALIFORNIA 90029, U.S.A.

Application No. 1953/72 filed November 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An apparatus for filtering foreign matter and other contaminants from liquids or gases comprising:

a pair of external housing members interconnected to form a first cavity;

a filter cartridge having a unitary housing positioned within said first cavity, said cartridge housing forming a second cavity for receiving a filter assembly comprising a filter media through which the liquid or gases are adapted to pass, said cartridge housing being removable as a unit from said first cavity after said external housing members have been separated.

CLASS 71B-D.

135990.

## EARTH MOVING VEHICLE.

M-R-S MANUFACTURING COMPANY, OF FLORA, MISSISSIPPI 39071, U.S.A.

Application No. 1290/Cal/73 filed June 1, 1973.

Division of Application No. 132570 filed August 18, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A vehicle for transporting earth or other similar material including a scraper bowl construction having an open forward end portion through which material is loaded, and comprising: a pair of spaced side walls, a rear wall disposed intermediate said side walls to close the rearward end portion of said bowl; and a base wall arrangement for supporting said material, said base wall arrangement including, first and second panel members, means hingedly connecting said panel members together along adjacent edges thereof, with the distal edge of said first panel member being disposed rearwardly toward said rear wall with relation to the distal edge of said second panel member, when said base wall is in a closed condition, such that said panel members provide flat surfaces for supporting material in said bowl, means slidably connecting said first and second panels to track means associated with said side walls; and operating means for moving said panels from the closed condition wherein said slidably connected edges of said panels are moved toward each other along said track means while the hingedly connected edges of said panels move upwardly to provide dumping openings on opposite sides of said panels when in the open condition.

CLASS 32F2b &amp; 152E.

135991.

## PROCESS FOR PREPARATION OF PIPERIDINE DERIVATIVES.

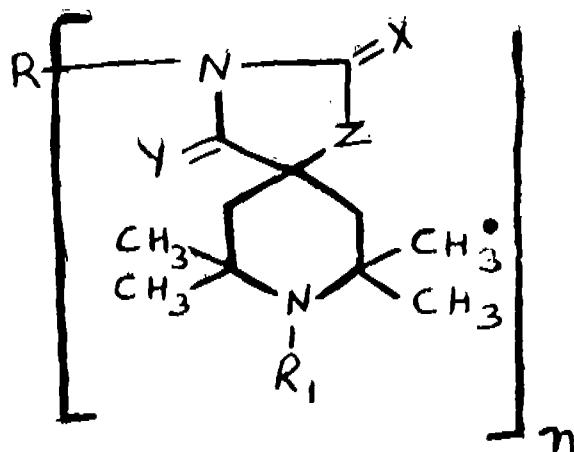
SANKYO COMPANY LIMITED, OF 1-6, 3 CHOME, NIHONBASHI HONCHO, CHUO KU, JAPAN.

Application No. 418/72 filed June 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for preparing a compound having the formula



wherein R'—represents an alkyl group, allyl group, 2-propynyl group, a cyanoalkyl group, an epoxyalkyl group, an aralkyl group, an acyl group or nitroso group,

X and Y—represent an oxygen or sulfur atom,

Z—represents an oxygen atom or the group—NH—,

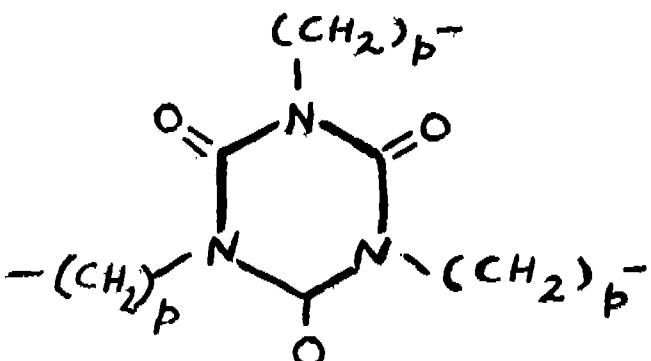
n is an integer of 1 through 4 inclusive, and

R—represents,

when n is 1, an alkyl group, a substituted alkyl group, an aryl group, a substituted aryl group, a cycloalkyl group, an alkoxy-carbonyl group, a substituted alkoxy-carbonyl group, a substituted phosphino group or a substituted phosphinyl group,

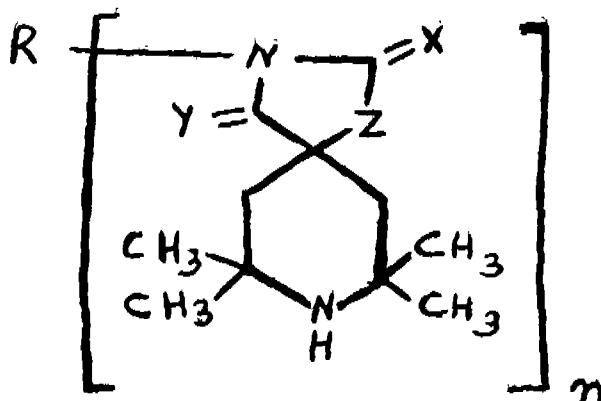
when n is 2, an alkylene group, an alkenylene group, an arylene group, substituted arylene group, an aralkylene group, an alkylene-di-phenylene group, a bis-(acyloxy-alkylene) group, an alkylene-bis-(oxycarbonylalkyl) group, a dialkylene ether group or a diphenylene ether group,

when n is 3, an alkanetriyl group, a tris-(acyloxyalkylene) group, an alkanetris-(oxycarbonylalkyl) group or a group of the formula 2



in which p is an integer of 1 through 8 inclusive, p's being optionally the same or different, and when n is 4, an alkanetetrayl group, a tetrakis (acyloxyalkylene) group

or an alkane-tetrakis (oxycarbonylalkyl) group, characterised in that a compound having the formula (18)



is reacted, by heating in the presence or absence of a base, with a halide of formula



to produce a compound of formula 1, R', R, X, Y, Z and n in the above formulae having the meanings given under formula 1 and X<sub>1</sub> representing a halogen atom

## CLASS 143-D5.

135992.

## PACKAGING.

IMPERIAL CHEMICAL INDUSTRIES LIMITED,  
OF IMPERIAL CHEMICAL HOUSE, MILLBANK,  
LONDON, S.W.1., ENGLAND.

Application No. 465/72 filed June 8, 1972.  
Convention date June 9, 1971 (19670/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Packaging comprising pile surfaced sheet material having a foundation sheet at least one of the surfaces of which carries a pile having a plurality of fibres or fibrils of synthetic polymeric material laminate to a second sheet with the fibres or fibrils being sandwiched between the foundation sheet and the second sheet, at least the synthetic polymeric material or the face of the second sheet against the fibres or fibrils being a thermoplastic polymer and the foundation sheet being backed to the second sheet by heat softening of the thermoplastic polymer.

## CLASS 14C, 33A &amp; 126D.

135993.

## TEMPERATURE-SENSING DEVICE FOR CONTINUOUS CASTING MOLDS.

U.S. ENGINEERS AND CONSULTANTS, INC., OF  
600 GRANT STREET, PITTSBURGH, STATE OF  
PENNSYLVANIA, U.S.A.

Application No. 668/72 filed June 26, 1972.  
Addition to No. 133560.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

4 Claims.

An improved temperature-sensing device in combination with a continuous casting mold formed by spaced inner and outer metallic walls forming a passage for cooling water, said device comprising a probe located in a tubular housing having a water-tight mounting in the outer wall, said probe extending through the cooling water and having a point maintained in metallic contact with the inner wall by means of a compression spring located in the tubular housing and urging the point into

metallic contact with the inner wall, the probe being electrically insulated from said outer wall and being dissimilar to the metal of said inner wall whereby a measurable voltage indicative of the temperature of liquid metal contacting the inner wall is created for a measuring circuit connected to the probe, the improvement being characterized in that sealing means are provided in a counterbore of the end of the tubular housing facing the cooling water passage to prevent water from reaching said spring.

## CLASS 204.

135994.

## AN ADJUSTABLE FORCE BALANCE INSTRUMENT

SYBRON CORPORATION, OF 1100 MIDTOWN TOWER, ROCHESTER, NEW YORK 14614, U.S.A.

Application No. 130/Cal/73 filed January 17, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

9 Claims.

In an adjustable force balance instrument having an instrument body, an adjustable fulcrum support carried by the body, a fulcrum fixed to the support, a lever pivoted on the fulcrum wherein a force applied to one end of the lever is balanced by a force to the other end, the improvement being means to ground the fulcrum against the body of the instrument comprising a spring member between said fulcrum support and said instrument body exerting a force directly on said fulcrum support, for urging the same in a direction normal to the direction of adjustment and against said instrument body.

## CLASS 90-C.

135995.

## IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF FLAT GLASS.

PILKINGTON BROTHERS LIMITED, OF 201-211 MARTINS BUILDING, WATER STREET, LIVERPOOL, L2 3SR, LANCASHIRE, ENGLAND.

Application No. 1270/72 filed August 28, 1972.

Convention date September 16, 1971 (43269/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

37 Claims.

A method of manufacturing flat glass comprising pouring molten glass at a controlled rate on to a bath of molten metal to form a pool of molten glass on the bath, controlling forward flow of molten glass from the pool by means of a solid member extending across the downstream end of the pool and wetted by the molten glass, heating the glass in the region of that member further to regulate that forward flow, drawing a ribbon of glass along the bath by accelerating the forward flow by traction applied to the glass ribbon acting against reaction forces distributed across the ribbon width and created by wetting of the glass on to the member, and stabilising the dimensions of the ribbon as it is drawn along the bath away from the solid member.

## CLASS 154—A+D.

135996.

## FOLDING PLATE CYLINDER FOR ROTARY FOLDERS.

VEB POLYGRAPH LEIPZIG, KOMBINAT FÜR POLYGRAPHISCHE MASCHINEN UND AUSRÜSTUNGEN, OF 4 WACHWMUTHSTRASSE, 7031 LEIPZIG, EAST GERMANY.

Application No. 779/72 filed July 5, 1972.

Convention date January 20, 1972 (2773/72) U.K.

Apropiate office for opposition proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

8 Claims.

A folding plate cylinder assembly comprising a pair of mutually co-operating folding plates for folding sheet material, at least one folding plate of the or each pair being so retained against a support mounted on the cylinder by resilient means as to be pivotable about an edge of the support against restoring force of the resilient means.

CLASS 172B. 135997.

#### IMPROVED COMPOSITE SPINNING.

EMILIAN BOBKOWICZ AND DR. ANDREW JOHN BOBKOWICZ, BOTH OF 1435 ST. ALEXANDER ST., RM. 310 MONTREAL 111, QUEBEC, CANADA.

Application No. 201/72 filed May 15, 1972.

Convention date August 26, 1971 (121459/71) Canada.

Apropiate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

Apparatus for the manufacture of composite spun yarn comprising means for supplying a polymer substrate downwardly into the nip of a pair of rotatable rollers positioned face to face, means for rotating said rollers against each other, means for continuously supplying fibrous material at least onto one of said rollers, and means for transforming the polymer substrate and the fibrous material in contact with each other into spun yarn, characterized in that said means for supplying the polymer substrate comprise at least one die and nozzle arrangement adapted to project the polymer substrate towards the nip of said rotatable rollers in the form of a tubulus, spray or bubble.

CLASS 24-F & 127-A. 135998.

#### TORQUE LIMITING DEVICE

THE WELLMAN BIBBY COMPANY LIMITED OF PARRELL HOUSE, WILTON ROAD, LONDON, S.W.1, ENGLAND.

Application No. 1547/72 filed September 30, 1972.

Convention date September 30, 1971 (45555/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A torque limiting device comprising first and second coaxial torque members, a rolling element seated in a seating in the first torque member in the engaged position of the device, and located in an aperture in the second torque member, the rolling element being held in its seating by a cam surface on a locking member and, on overload of the device, being movable in the aperture, out of the seating by moving the locking member in the circumferential direction against a resilient bias.

CLASS 48A2. 135999.

#### METHOD FOR MANUFACTURING A WIRE CONDUCTOR.

NKF KABEL N. V., OF POSTBUS 26, DELFT, THE NETHERLANDS.

Application No. 637/72 filed June 21, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Method for manufacturing a wire conductor with a balloon insulation in which the straight conductor is enclosed in a generally cylindrical insulating sheath, which

at regular intervals is constricted and at the constrictions engages the conductor, characterized in that the conductor (52) together with the insulating sheath (51) in soft condition is passed between two identical rotating wheels (54, 55) provided with radial blades (56, 57), the cooperating pairs of blades of said wheels at the ends are provided with apertures (58, 59) which together define the cross-section of the constrictions (53) of the insulating sheath (51).

CLASS 163-B3. 136000.

#### ROTARY SLIDING VANE PUMP.

C. A. V. LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 1067/72 filed August 3, 1972.

Convention date August 7, 1971 (37232/71) U. K.

Apropiate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A rotary sliding vane or blade pump of the kind comprising in combination a pumping chamber having a substantially cylindrical internal peripheral surface and end walls, a rotor located in said pumping chamber, said rotor being rotatable about an axis off set from the axis of the pumping chamber, at least a pair of blades slidable within grooves formed in the rotor, an inlet and an outlet port in communication with the pumping chamber and through which liquid passes as the rotor rotates within the pumping chamber, a roller mounted at the end of each blade adjacent the internal peripheral surface of the pumping chamber the roller contacting the surface of the pumping chamber, the axes of the rollers being substantially parallel to the axis of rotation of the rotor.

#### PATENTS SEALED

79223	82373	84235	91034	101684	101965	102158
112418	114911	118000	128725	129038	129288	130271
130477	130491	130515	130696	130807	130919	130975
131078	131262	131536	131545	131589	131602	131607
131637	131919	131921	131925	131946	132034	
132100	132104	132208	132210	132268	132274	132276
132279	132293	132297	132307	132311	132330	132342
132376	132386	132387	132388	132389	132410	132411
132412	132429	132466	132470	132491	132581	132661
132662	132663	132744	132792	132796	132888	132963
132982	132997	133014	133025	133072	133078	133119
133179	133203	133208	133237	133275	133304	133321
133324	133350	133422	133461	133654	133670	133695
133717	133765	133799	133812	133830	133850	133860
133958	133989	134237	134238	134246	134266	134351
134477	134687	134709	134715	134719	134806	134996
135015	135067	135075	135102	135110	135159	135185
135256	135257	135325	135336	135358	135360	135398
135399	135426	135463	135477	135479	135481	135482
135483	135484	135488	135492	135493	135499	135502
135505	135506	135507	135508	135509	135516	135523
135524	135525	135527	135528	135529	135530	135532
135534	135536	135542	135557	135558	135559	

#### AMENDMENT PROCEEDINGS UNDER

##### SECTION 57

(1)

The amendments proposed by American Home Products Corporation, in respect of Patent Application No. 79384 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(2)

The amendments proposed by Hydrocarbon Research, Inc., in respect of Patent Application No. 126583 as

advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(3)

The amendments proposed by Bayer Aktiengesellschaft in respect of Patent Application No. 127716 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(4)

The amendments proposed by Shell Internationale Research Maatschappij N.V., in respect of Patent Application No. 128511 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(5)

The amendments proposed by Delhi Cloth & General Mills Co., Ltd., in respect of Patent Application No. 128919 as advertised in Part-III, Section 2 of the Gazette of India, dated the 13th April 1974, have been allowed.

(6)

The amendments proposed by Bayer Aktiengesellschaft in respect of Patent Application 129718 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974, have been allowed.

(7)

The amendments proposed by Cabot Corporation in respect of Patent Application No. 130831 as advertised in Part-III, Section 2 of the Gazette of India dated the 13th April 1974 have been allowed.

#### REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

95424  
104526  
105490  
104524  
97004  
101162  
72264  
106325  
103216  
105491  
78016  
106820  
107439  
107440  
109604  
109904  
109905  
110812  
11085  
110878  
111928  
111957  
112185  
113473  
114169  
114419  
114558  
115204  
116762  
116841  
117404  
118033  
118569  
120117

Secretary, National Research Development Corporation of India.

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

##### No. & Title of the Invention

- 84826 (29-10-62) A method of treating ores.
- 99221 (27- 4-65) Process for obtaining dextrose crystals.
- 121116 (29- 4-69) 1-Alkoxy carbonyl uracils, process for their preparation and herbicidal composition containing the same.
- 121282 (12- 5-69) Phthalocyanine dyestuffs, process for their manufacture and material dyed or printed with the same.
- 121636 ( 3- 6-69) Process for the recovery of pure aliphatic mercaptanes from the conversion of corresponding primary aliphatic alcohol and hydrogen sulphide and the products so obtained.
- 122109 ( 4- 7-69) Process for the dehydration of aralkanols.
- 122426 (24-7-69) A process of polymerizing a diene containing 4 to 6 carbon atoms and a hydrocarbon vinyl aromatic monomer and a process for producing a polymerization catalyst.
- 122608 (4-8-69) 1-Trityl-1, 2, 4-triazoles, process for their preparation and fungicidal compositions containing the same.
- 122667 ( 7- 8-69) Process for the separation of gaseous mixtures of cyanogen chloride and hydrogen chloride.
- 122685 ( 8- 8-69) Process for the manufacture of hardners of water-glass cement.
- 122690 ( 8- 8-69) Fluidized bed treatment of spent pulp digestion liquor.
- 122731 (12-8-69) A method and apparatus for treating solid particles.
- 122748 (13-8-69) Process for lowering the cyclopentadiene-1, 3 content of a stream containing isoprene and cyclopentadiene-1, 3.
- 122988 ( 1- 9-69) Method of producing cheese.
- 123272 (24-9-69) Water-soluble disazo dyestuffs and their complex metal compounds process for preparing them and process for dyeing or printing fibrous material therewith.
- 123348 (29-9-69) Preparation of silica gels.
- 123424 ( 4-10-69) Preparation of silica gels.
- 123438 (7-10-68) Process for polymerizing acrylonitrile and films, fibres and filaments produced therefrom.
- 123682 (23-10-69) Method for preparing C<sub>1</sub>—C<sub>4</sub> lower diester of bis hydroxy ethyl terephthalate.

123786 (29-10-69) Process for the preparation of tetraisocyanates and adhesives of natural or synthetic rubber containing the same.

## RENEWAL FEES PAID.

68749 68866 68869 69108 69144 69169 69221 72655  
 72656 72740 72741 72859 72866 72892 72901 72930  
 72940 72942 73014 73024 73067 73400 73947 76035  
 77072 77075 77077 77914 78055 78080 78135 78136  
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 96157 96446 96534 98903 99956 100568 100725  
 100886 100937 100977 101003 101029 101082 101083  
 101136 101169 101176 101195 101218 101274 101399  
 101511 101532 101566 101622 101652 101797 101798  
 101994 101995 101996 101997 101998 101999 102105  
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 112548 112896 113198 114069 115373 115374 115619  
 116881 116998 117004 117059 117106 117180 117210  
 117229 117354 117356 117368 117399 117408 117433  
 117435 117436 117437 117451 117583 117775 117839  
 117931 118036 118173 118174 118498 119081 119082  
 119450 121427 121539 121684 121908 122245 122246  
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 122903 122930 122941 122954 123019 123027 123032  
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 123329 123332 123399 123404 123461 123462 123463  
 123480 123502 123544 123557 123635 124018 124019  
 124099 124182 124183 124184 124185 124186 124210  
 124679 126852 127381 127505 127738 127768 127826  
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 128623 128651 128931 128973 129055 129075 129327  
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 131513 131620 131684 131765 131857 131952 131987  
 131989 132002 132024 132028 132031 132046 132048  
 132124 132179 132205 132253 132292 132391 132427  
 132481 132488 132505 132568 132569 132622 132623  
 132636 132648 132664 132686 132695 132743 132754  
 132784 132854 132864 132884 132921 132930 133053  
 133056 133058 133103 133136 133137 133139 133174  
 133635 134190 134368 134457 134523.

## CESSATION OF PATENTS

105077 105244 105568 105596 105693 105754 106001  
 106002 106044 106052 106054 106058 106070 106088  
 106095 106138 106157 106191 106192 106197 106210  
 106230 106236 106284 106290 106380 106395 106432  
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106707 106713 106724 106744 106770 106782 106796  
 106798 106829 106831 106853 106866 113066 123878  
 124497 125457 125743 125896 130677.

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 95597 dated the 10th September, 1964 made by Bhupatrai Keshavlal Doshi on the 25th June, 1973 and notified in the Gazette of India Part III, Section 2, dated the 4th August, 1973 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 102574 dated the 25th November, 1964 made by CSR Limited (formerly The Colonial Sugar Refining Company Limited) on the 23rd November, 1973 and notified in the Gazette of India, Part III, Section 2 dated the 22nd December, 1973 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 121205 dated the 6th May, 1969 made by Gobind Rewach and Mansukhani on the 28th February, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 30th March, 1974 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 141865. Govindbhai Gordhanbhai Patel, of Higo's Niketan, Patel Compound, 48-B, Lamington Road, (North), Bombay-8, State of Maharashtra, India, an Indian, "A burner", May 2, 1974.

Class 3. No. 141823. N. V. Philips' Gloeilampenfabrieken of Emmasingel 29, Eindhoven, The Netherlands, "A dry shaver", February 7, 1974 (U. K.).

Class 3. No. 141884. Bata India Limited, a Limited Company incorporated under the Indian Companies Act, at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", May 14, 1974.

Class 3. No. 141890. Rajpal Plastic Industries (an Indian Partnership Firm), 303, Neelkanth, 98, Marine Drive, Bombay-2, Maharashtra State, India, "Brush", May 21, 1974.

Class 3. No. 141891. Minimax Enterprises (an Indian Partnership Firm), 5, Divya Darshan, 5, Vallabh Nagar Society, 5th Floor, Juhu Scheme, Vile Parle (West), Bombay-400056, Maharashtra State, India, "Ash tray", May 21, 1974.

Class 3. No. 141901. Alembic Chemical Works Company Limited, an Indian Company, Incorporated in India, City of Baroda, State of Gujarat, India, "Bottles", May 25, 1974.

Class 4. No. 141615. Hyderabad Asbestos Cement Products Ltd., an Indian Company, of 9/1, R. N. Mukherjee Road, Calcutta-1 State of

West Bengal, India, "Asbestos, Cement sheets", January 25, 1974.

Class 6. No. 141899. Leathermasters Syndicate, 52. Basti Nau, Jullundur City, Punjab State, an Indian Partnership Firm, "Inflated leather balls", May 23, 1974.

Class 10. No. 141876. Bata India Limited, a Limited Company incorporated under the Indian Companies Act, at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, Footwear", May 7, 1974.

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OF FIVE YEARS

Design No. 133657	... Class—1.
Design Nos. 135307, 136244, 135818, 136572	... Class—3.
Design Nos. 135819 & 135820	... Class—4.
Design No. 136243	... Class—10.

S. VEDARAMAN  
Controller-General of Patents, Designs  
and Trade Marks.